SAFETY DATA SHEET

DURABLE CHIP & PIN MAGNETIC HEAD CLEANING CARDS 5815-00

Issued: 19/12/2005

Revision No: 1

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: DURABLE CHIP & PIN MAGNETIC HEAD CLEANING CARDS 5815-00

Product code: 28-000

Use / description of product: Irritant. Highly flammable. The regulatory information is dependent upon the concentration limit of the specific substance.

Company name: Durable UK Ltd
10 Nimrod Way
Wimborne
Dorset
BH21 7SH
Tel: 01202 897071
Fax: 01202 873381
Emergency tel: 01305 213770

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: PROPAN-2-OL >90%
EINECS: 200-661-7 CAS: 67-63-0
[F] R11; [Xi] R36; [-] R67

3. HAZARDS IDENTIFICATION

Main hazards: Highly flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness.

Other hazards: Irritating to eyes.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Consult a doctor. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination. Consult a doctor.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. Consult a doctor.

[cont...]

5. FIRE-FIGHTING MEASURES

Extinguishing media: Alcohol resistant foam. Carbon dioxide. Dry chemical powder.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air. Smoking is forbidden.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from direct sunlight. Keep away from sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace exposure limits

WEL (8 hr exposure limit): 400ppm (OES)

WEL (15 min exposure limit): 500ppm (OES)

Hazardous ingredients: PROPAN-2-OL

WEL (8 hr exposure limit): 999 mg/m3 WEL (15 min exposure limit): 1250 mg/m3

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Nitrile gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand. Face-shield.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Colourless

Odour: Alcoholic

Solubility in water: Miscible

Boiling point/range°C: -82

Melting point/range°C: -88

Flammability limits %: lower: 2.50

[cont...]

upper: 12.70

Flash point°C: -11

Autoflammability°C: 398

Vapour pressure: 2.7

Relative density: >0-0.79

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat. Direct sunlight. Sources of ignition. Flames.

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: PROPAN-2-OL

IVN RAT LD50 1088 mg/kg

ORL MUS LD50 3600 mg/kg

ORL RAT LD50 5045 mg/kg

SCU MUS LDLO 6 gm/kg

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Mobility: Readily absorbed into soil.

Persistence and degradability: Biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN no: 1219

ADR Class: 3

Packing group: II

Classification code: F1

Shipping name: ISOPROPANOL (ISOPROPYL ALCOHOL)

Labelling: 3

Hazard ID no: 33

[cont...]

IMDG / IMO

UN no: 1219 **Class:** 3

Packing group: II **EmS:** 3-06

Marine pollutant: NO **Labelling:** 3

IATA / ICAO

UN no: 1219 **Class:** 3

Packing group: II **Packing instructions:** 305(P&CA); 307(PAO)

Labelling: 3

15. REGULATORY INFORMATION

Hazard symbols: Irritant.

Highly flammable.

Risk phrases: R11: Highly flammable.

R36: Irritating to eyes.

R67: Vapours may cause drowsiness and dizziness.

Safety phrases: S7: Keep container tightly closed.

S16: Keep away from sources of ignition - No smoking.

S39: Wear eye / face protection.

S25: Avoid contact with eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S51: Use only in well-ventilated areas.

S60: This material and its container must be disposed of as hazardous waste.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Risk phrases used in s.2: R11: Highly flammable.

R36: Irritating to eyes.

R67: Vapours may cause drowsiness and dizziness.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.